

(19) (KR)
 (12) (B1)

(51) Int. Cl.⁶
 G09G 3/36

(45) 2004 10 28
 (11) 10-0440084
 (24) 2004 07 02

(21)	10-1997-0022404	(65)	10-1997-0076467
(22)	1997 05 31	(43)	1997 12 12

(30) 8-160513 1996 05 31 (JP)

(73) 가 가
 가 가 398

(72) 가 가 398 가 가

가 가 398 가 가

가 가 398 가 가

(74)

:

(54)

가

A

1

1 , (D1 D8)
 2 (D'1 D'8) ()

3
4 3 (bus)
5 4
6A 6D
7

() .
가 .

*
20: 21:
22: () 23:
24:

가 , ,
, TFT , 가 TFT TFT ,
, , , () , ()
MHz MHz kHz 가 kHz , TFT ,
TFT , , , (多相) () ,
가 4 , , ,
3 , Nikkei BP Corporation 1994 , ,
2) , 8 (10) (11) , ,
4 , , ,
(a1 a8) 3 (D1 D8) (11) , ,
(13) (13)

가 1/4 , ,
182 , ,
(13) 가 (14) (bus) (1)
8 , ,
(D'1 D'8) , ,
(D1 D8)

3 4 , , ,
(D'1) (D'8) , ,
(D1 D8) (D1 D8)
, , () (D1 D8) (D'1 D'8)
가 , , ,
, 5 , ,
가 , , , 5 , ,

(stripe)

(57)

1

가.

N (N - 2)

N
(bus) ,

2

N

N

N

N

2.

가,

N

N (N - 2

, 1)

N

1

2

N

N

N

N

;

3.

가,

,

1 2 , 1 2

1 2 ,

2 ;

2

1

2

1

1 2

,

가

4.

가,

,

1 2 , 1 2

1 2 ,

2 ;

1

2

2

1

1 2

,

가

5.

가,

,

1 2 , 1 2

1 2 ,

1 ;

1

2

2

2

가

,

가

1

1

6.

가,

,

1 2 , 1 2

1 2 ,

2

1 2
1 2 ;
1 2 , 1 1
2 2 가 , 2 2

7.

가,

1 2

1	2	
	1	2
1		,
	(dummy	
		1
1		2
2		2

8.

가.

1 2

1 2
 1 2
1

1 2
2 2

9.

가.

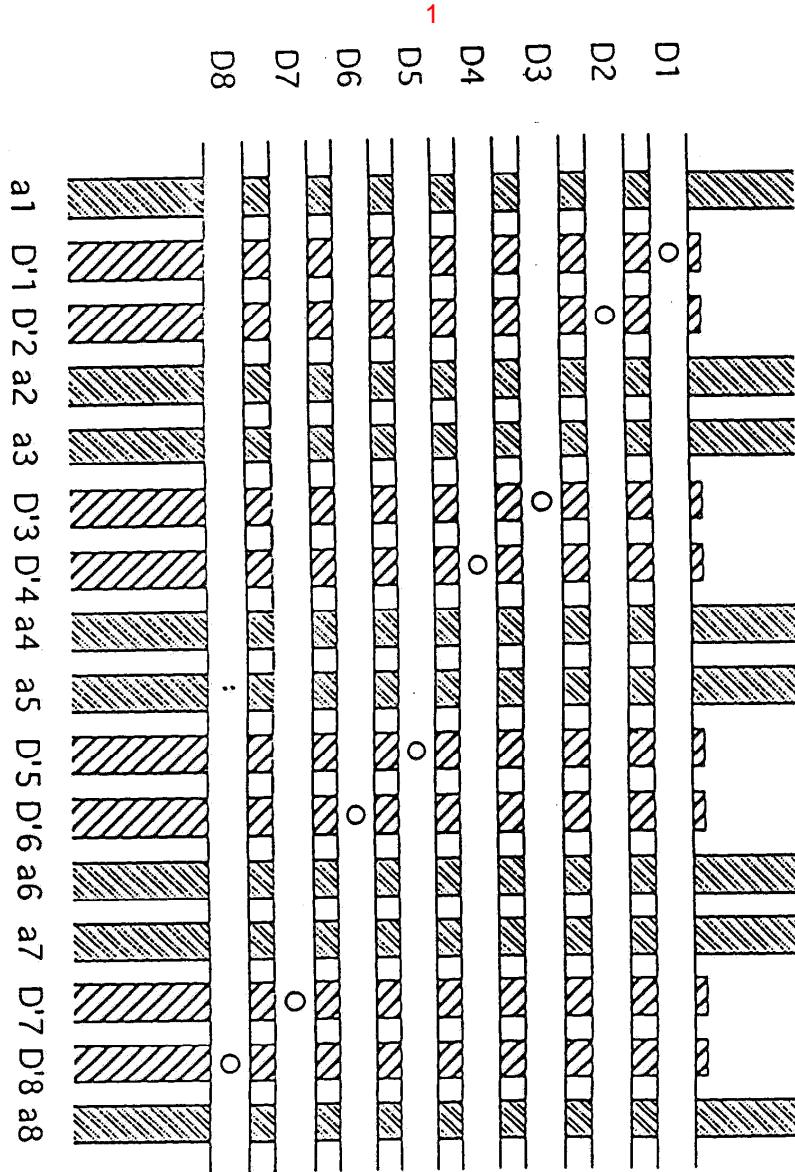
$$1 \quad N \quad , \quad N \quad (N-2) \quad) \\ 1 \quad 2 \quad N \quad N \quad , \quad N \quad , \quad N \\ N \quad X \quad (X \quad 0 < X < N \quad) \quad , \quad 2 \quad ,$$

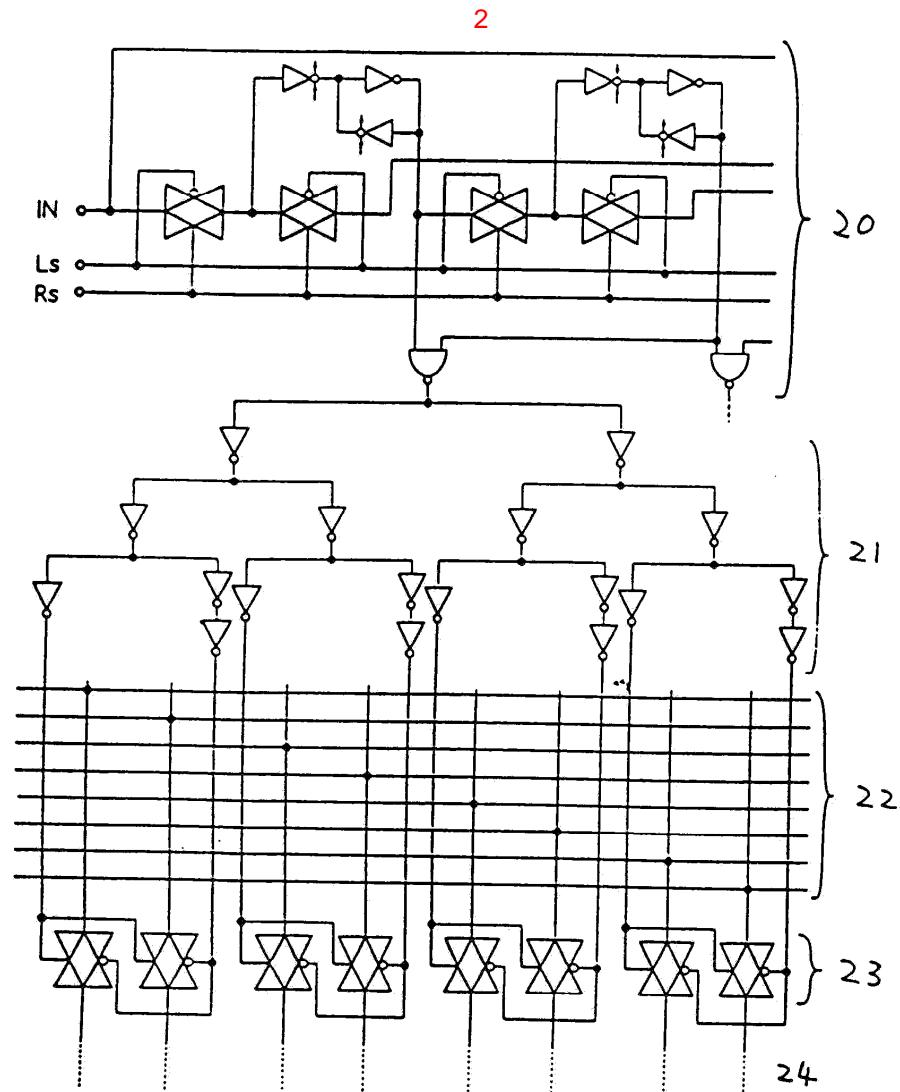
10.

,
 가,
 ,
 1 N , N (N 2) ,
 ,
 1 2 N , N , N ,
 N-1 , ,
 n 가 n (n 1<n<N) ; 가 ,
 ,
 N-n-1 가 , ,
 ,
 11. 1 , 2 , 9 , 10 , ,
 N
 12. 3 8 , , ,
 ,
 13. 1 10 , ,
 ,
 14. 1 10 , ,
 ,
 15. 1 10
 .
 16. 1 10
 .
 17. 1 10
 .
 18. 1 10

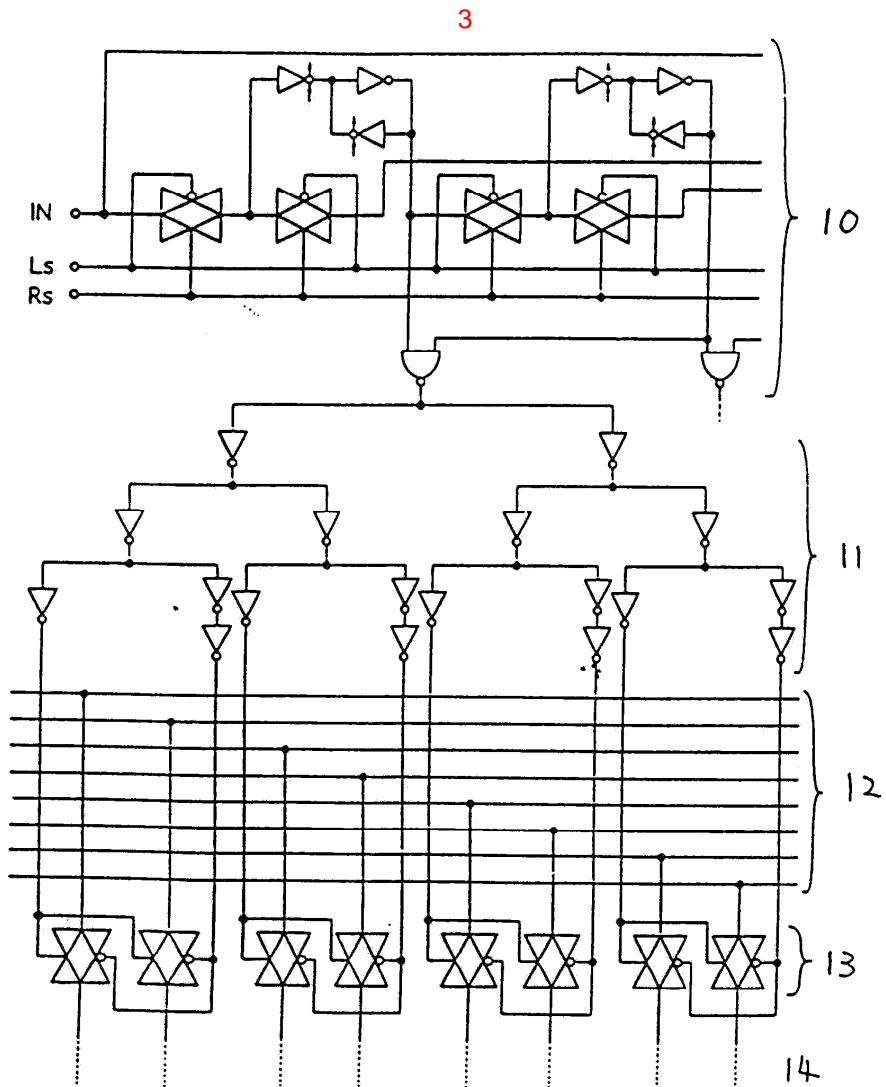
버퍼 회로로

샘플링 회로로



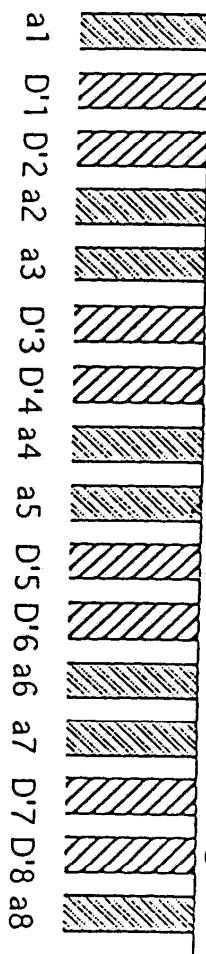
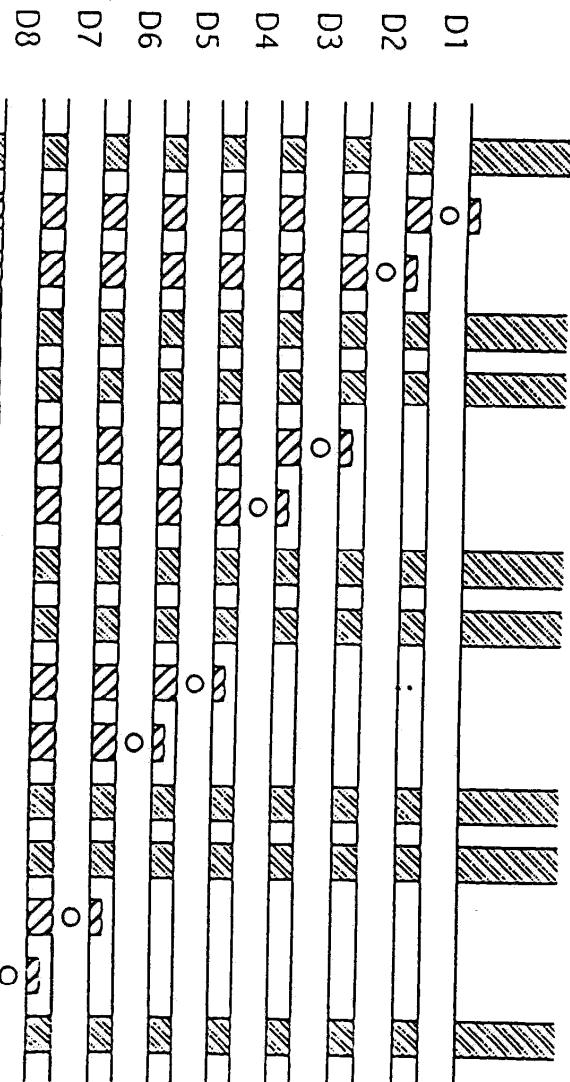


액티브 매트리스 회로로

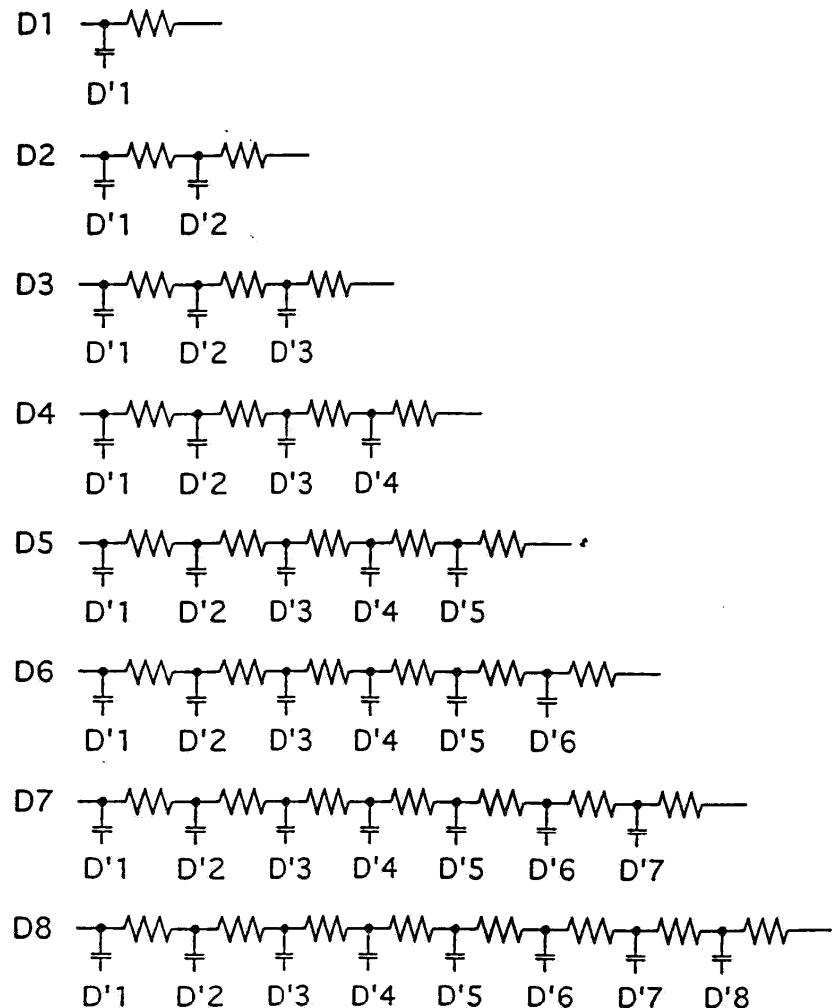


액티브 매트리스 회로로

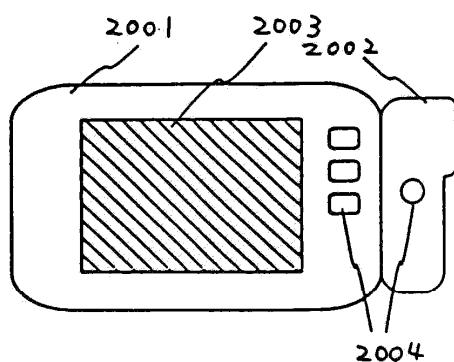
4

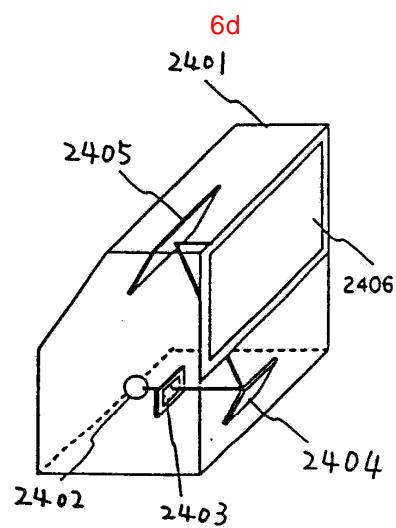
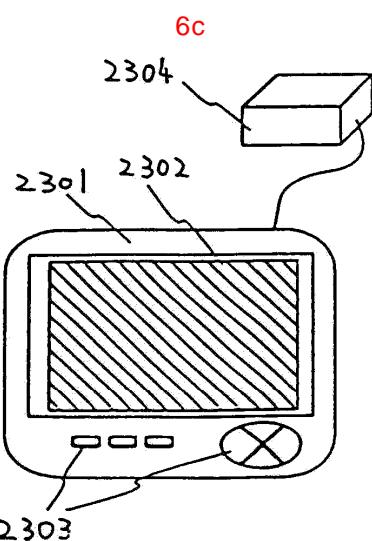
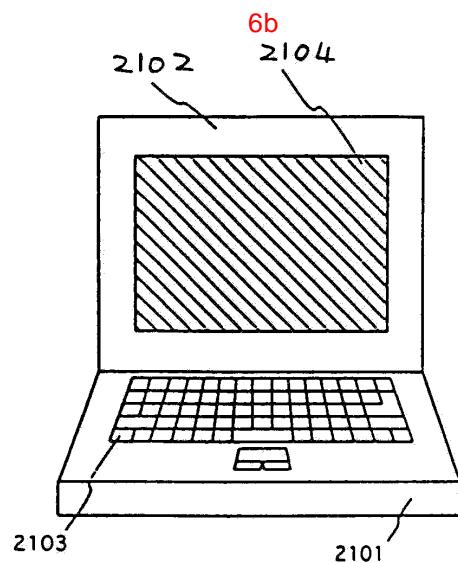
버퍼 회로로**샘플링 회로로**

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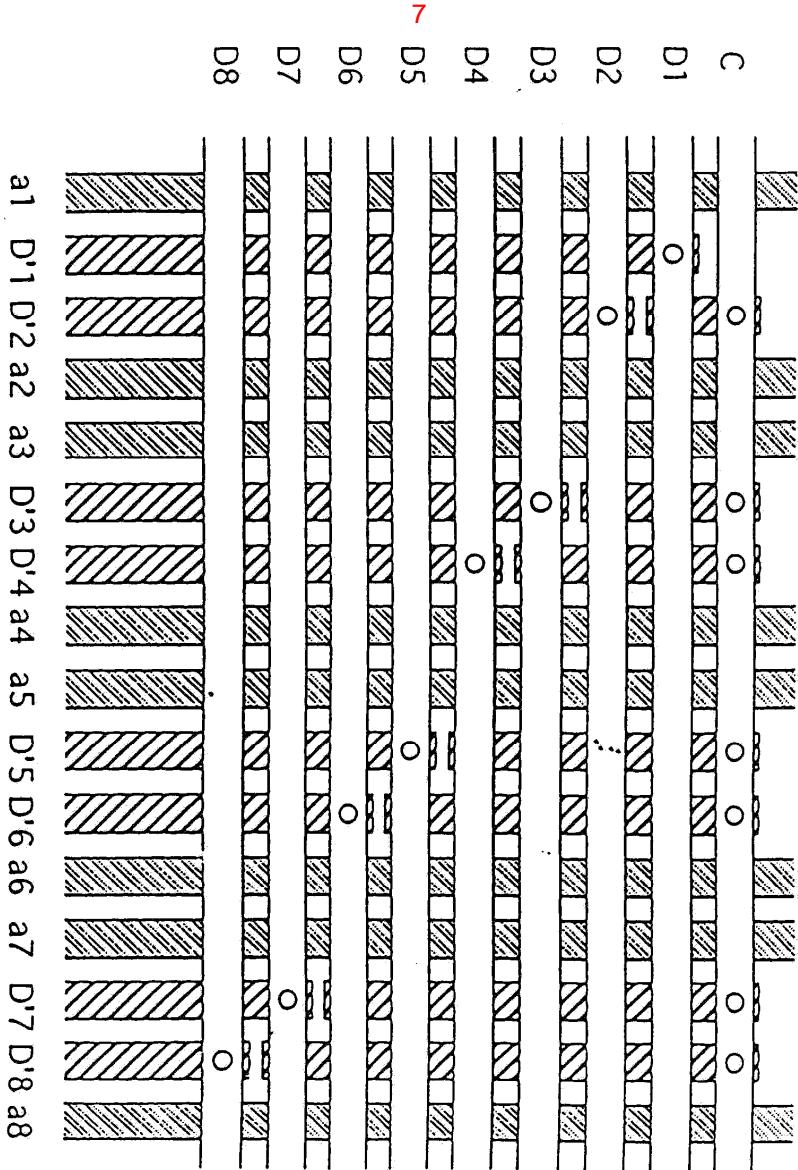


6a





버퍼 회로로



샘플링 회로로